

AMBULATORY SURGICAL CENTERS' UTILIZATION REPORT, INDIANA, 2004

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Introduction

On a quarterly basis, the Indiana State Department of Health requests licensed ambulatory surgical centers to describe their resources, utilization, and outcome from the surgical procedures. This report summarizes the information for calendar year 2004.

Characteristics of Ambulatory Surgical Centers

As of December 31, 2004, there were 125 ambulatory surgical centers in Indiana, located in 30 of the 92 counties. The majority of these centers have the following characteristics

CHARACTERISTICS OF CENTERS	STATEWIDE STATISTICS
Number of surgical centers	125
Percent of centers in urban counties of Indiana	95.0%
Percent of centers with all physicians focusing on a single specialty	48%
Percent that are MD owned	54%
Percent of for-profit corporations	97%
Average number of operating rooms	2.5

These centers are established, equipped, and operated primarily for the purpose of performing needed medical surgical procedures and services. These centers are an alternative source of surgery performed in hospital-based outpatient operating rooms.

Annual Utilization Statistics

In 2004, physicians, dentists, or podiatrists performed 497,054 procedures on 391,469 patients in 125 centers. Each surgical center performed an average of 331 procedures every 30 days.

It is estimated that this surgical volume represented 5 percent of all outpatient surgeries performed. In Fiscal Year 2004, the Indiana Hospital and Health Association determined that physicians in hospital-based outpatient operating rooms performed 10,111,101 procedures. The remaining one percent of surgeries are performed in offices of independent physician practices.

The ambulatory surgical centers serve three distinct patient populations: the middle-aged population seeking assistance with digestive problems, the elderly seeking removal of cataracts, and all other patients seeking general outpatient surgical care.

CHARACTERISTICS OF PATIENT POPULATION	STATEWIDE PERCENT
Percent of Females	54.6%
Percent of Patients aged 1 to 17 years	6.9%
Percent of Patients aged 18 to 64 years	57.1%
Percent of Patients aged 65 years and older	36.0%
Percent of Patients reimbursed under Medicaid	6.4%

The number of operating rooms, total annual procedures, and principal surgical focus by center is shown in Table A. The trend line on the growth of centers and procedures is shown below:

	2002	2003	2004
Total Ambulatory Surgery Centers	114	119	125
Total Procedures	398,295	444,368	497,054

In 2004, the majority of these centers focused on performing procedures on the eye and the digestive system. The most frequent surgical procedure groups filed in quarterly reports are seen below.

NAME OF MOST FREQUENT PROCEDURE GROUPS	CPT CODE	# OF ASCs	NUMBER OF PROCEDURES	AVERAGE PER CENTER
Integumentary (Skin) System	10040-19499	32	7,552	236
Musculoskeletal System	20000-29909	44	21,946	499
Respiratory System	30000-32999	16	8,552	535
Digestive System	40490-49999	54	113,972	2,111
Urinary System	50010-53899	10	5,168	517
Genital System	54000-58999	23	7,178	312
Nervous System	61000-64999	49	52,102	1,063
Eye and Ocular System	65091-68999	52	78,722	1,513
Auditory System	69000-69999	29	10,832	373
Cardiac Catheterization	93501-93572	7	7,510	1,074
	Other	-	183,520	-
Total Of All Reported Procedures	Total	125	497,054	3,976

1. Procedure codes are abstracted from the AMA Physician Current Procedural Terminology (CPT-4).
2. The number of the 50 most frequent procedure groups by CPT diagnostic category in the state for all centers is seen on Table B.

Outcome from Surgery

Patients are referred to a surgical center based on recommendations from their health care provider. Most patients arrive with low risk for surgery and have no prior chronic problem that may interfere with the new procedure. Most patients are treated within two or three hours and discharged to family members under the care of their family physician.

A small percent of these patients do expect limited problems after the operation, and are referred to an acute care hospital for treatment of stable or unstable medical conditions. The percent of inpatient transfer is higher with patients with existing cardiac or acute problems seen prior to surgery.

OUTCOMES FROM SURGICAL PROCEDURES	STATEWIDE STATISTICS
Number of patients transferred to a hospital with stable medical conditions.	1,278 of 497,054 patients
Number of patients transferred to a hospital with unstable medical conditions	82 of 497,054 patients
Number of patients with a post-surgical wound infection	242 of 497,054 patients
Number of patient deaths	0 Deaths
Percent of patients with no other medical problems other than need for surgery	38.5 %
Percent of patients with an other chronic (mild) systemic disease prior to surgery	46.6%
Percent of patients with an other acute (severe) systemic disease prior to surgery	14.9%

It is recommended that individuals considering outpatient surgery discuss the need with their physician, discuss coverage with their insurance representative, and notify the surgeon of any prior conditions prior to arrival at the surgical center.

TABLE A
SUMMARY OF KEY RESOURCES AND UTILIZATION, 2004
AMBULATORY SURGICAL CENTERS, INDIANA

NAME OF CENTER	COUNTY NAME	# OF OPERATING Procedure ROOMS	KEY PROCEDURAL SPECIALIZATION	TOTAL 2004 PROCEDURES
Advanced Surgery Center	Tippecanoe	5	Eye	2,795
Aesthetic Surgery Center	Hamilton	3	Plastic	899
Akin Medical Center	Floyd	2	Allergy	823
Allied Physician Surgery Center	St Joseph	10	General	10,177
Apac Surgery Center II	Lake	1	Pain	1,776
Athens Diagnostics Surgical Cnt	Montgomery	2	General	3,455
Beltway Surgery Centers	Marion	9	General	10,208
Bloomington Endoscopy Center	Monroe	3	Digestive	6,113
Bloomington Surgery Center	Monroe	3	Eye	3,649
Calumet Surgery Center	Lake	5	General	4,379
Care Labs	Marion	1	General	656
Carmel Ambulatory Surgery	Hamilton	7	General	5,677
Centers for Pain Management	Lake	2	General	3,969
Center for Special Surgery	Marion	2	Pain	1,356
Central IN Laser & Surgery	Howard	2	Eye	919
Central IN Orthopedic Surgery	Delaware	2	Orthopedics	3,185
Central IN Orthopedic Surgery	Madison	2	Orthopedics	1,867
Central Indiana Surgery Center	Marion	3	Eye	1,379
Chandana Surgery Center	Porter	3	General	2,733
CLI Surgery	Allen	3	Eye	1,166
Columbus Eye Surgery Center	Bartholomew	1	Eye	1,575
Columbus Surgery Center	Bartholomew	3	General	3,128
Community Surgery Center	Lake	8	General	7,822
Digestive Health Center	Hamilton	2	Digestive	4,570
Dupont Surgery Center	Allen	7	General	11,920
Eastern IN Cnt for Ambulatory	Wayne	4	General	7,282
Elkhart Clinic	Elkhart	5	General	1,175
Endoscopy Center	Hamilton	2	Digestive	2,783
Endoscopy Center	Marion	3	Digestive	6,412
Evansville Deaconess	Vanderburgh	7	General	6,095
Evansville Newburgh Center	Warrick	5	General	3,667
Eyecare Consultants Surgery Cnt	Vanderburgh	2	Eye	1,818
Foot & Ankle Surgery Center	Marion	3	Podiatry	2,176
FW Cardiology Cath	Allen	1	Cardiology	1,052
FW Endoscopy Center	Allen	3	Digestive	4,726
FW Ophthalmic Surgery Center	Allen	4	Eye	3,156
FW Orthopaedics Surgicenter	Allen	5	General	6,901

CENTER NAME	COUNTY	# OF ORs	SPECIALTY	# PROC.
Franciscan Surgery Center	Marion	6	General	5,685
Gastrointestinal Endoscopy Cnt	Vanderburgh	2	Digestive	5,004
Goshen Ambulatory Care Center	Elkhart	4	General	2,953
Grand Park Surgical	Lake	2	General	1,171
Grossnickle Eye Surgery Center	Kosciusko	4	Eye	5,580
IMA Endoscopy Surgical	Lake	2	Digestive	3,100
Indiana Eye Clinic	Johnson	2	Eye	2,930
IN Surgery Center Noblesville	Hamilton	8	General	4,522
Indiana Surgery Howard	Howard	5	Howard	5,271
Indiana Surgery Center North	Marion	8	General	11,113
IN Surgery Cnt 16 th Street	Marion	6	General	7,704
Indiana Surgery South Campus	Marion	5	General	6,277
Indianapolis Endoscopy Center	Marion	3	Digestive	8,547
John Kenyon Surgery For Eye	Clark	3	Eye	1,552
KK & A Surgery Center	Floyd	4	Orthopedics	3,992
Lafayette Amb Surgery Center	Tippecanoe	4	General	752
Lafayette Cath Lab	Tippecanoe	1	Cardiology	1,937
Lake Park Surgicare	Lake	6	General	5,767
Lakeside Surgery Center	Lake	2	General	2,347
Lakeview Ambulatory	Lake	3	General	5
Laser & Skin Surgery Center	Hamilton	2	Dermatology	841
Marion Surgicenter	Grant	3	General	1,905
Medical Consultants Endoscopy	Delaware	4	Digestive	3,687
Medical Group Surgery Center	LaPorte	4	General	2,837
Meridian Endoscopy Center	Marion	4	Digestive	6,447
Meridian Plastic Surgery Center	Marion	3	Plastic	3,598
Merrillville Center Advanced Clos	Lake	2	Digestive	3,927
Michiana Endoscopy Center	St Joseph	3	Digestive	8,697
Mid-America Surgery Center	Delaware	4	General	4,127
Midwest Surgery Center	Vigo	3	General	1,568
Muncie Ambulatory Surgicenter	Delaware	4	Eye	3,660
Muncie Cataract and Laser Eye	Delaware	3	Eye	1,382
Munster Same Day Surgery Cnt	Lake	4	General	2,833
Naab Road Surgery Center	Marion	7	General	10,085
North Central Health Services	Tippecanoe	2	General	485
North Meridian Surgery Center	Hamilton	3	General	2,684
Northeast IN Endoscopy Center	Allen	2	Digestive	5,264
Northside Cardiac Cath Lab	Marion	2	Cardiology	4,131
Northside Gastroenterology Endo	Marion	4	Digestive	8,592
Northwest Surgery Center	Marion	5	General	6,076
Novamed Eye New Albany	Floyd	8	Eye	4,608
Novamed Eye Merrillville	Lake	3	Eye	2,077
Oakview Surgery Center	Fulton	1	Podiatry	130

CENTER NAME	COUNTY	# of ORs	SPECIALITY	# PROCED.
OSMC Outpatient Surgery Center	Elkhart	3	General	5,317
Premier Surgery Center	Allen	8	General	4,438
Richmond Cataract & Laser	Wayne	3	Eye	343
Richmond Surgery Center	Wayne	4	General	4,108
River View Surgery Center	Grant	9	General	5,588
Riverpointe Cardiovascular Lab	Elkhart	1	Cardiology	383
Riverpointe Surgery Center	Elkhart	6	General	7,232
Sagamore Surgical Service	Tippecanoe	3	General	2,088
South Bend Clinic & Surgicenter	St Joseph	2	General	2,038
South Central Surgery Center	Johnson	4	General	1,062
South Emerson Surgery Center	Marion	3	Orthopedics	2,343
Southeast Surgery Center	Marion	4	Pain	4,770
Southwest Surgical Suites	Allen	3	Plastic	1,999
Southern Indiana Endoscopy	Floyd	3	Digestive	4,262
Southern Indiana Surgery Center	Monroe	6	General	8,223
Southwest Surgical Suites	Allen	3	Plastic	2,971
Spine Rehab Ambulatory	Marion	2	Pain	1,569
Spring Mill Surgery Center	Hamilton	9	General	2,255
St Charles Surgical Pavilion	St Joseph	2	General	2,305
St Mary's Freestanding Cath	Vanderburgh	1	Cardiology	93
Sullivan Surgicenter	Sullivan	4	General	163
Surgery Center Pain Southern	Monroe	2	Pain	5,152
Surgery Center Eye Specialty	Marion	2	Eye	4,764
Surgery Center (Hand)	Marion	3	Orthopedics	4,284
Surgery Center of Indianapolis	Marion	5	General	6,897
Surgery Center of Ophthalmology	Allen	3	Eye	1,074
Surgery Center Southeastern IN	Decatur	4	General	1,083
Surgery Center Plus	Marion	4	General	1,929
Surgery Center (Allen)	Allen	3	Digestive	5,426
Surgery One	Allen	5	Orthopedics	8,404
Surgical Care Center	Marion	4	General	3,890
Surgical Center of New Albany	Floyd	4	General	2,834
Surgicare LLC	Monroe	2	General	4,080
Surgicare @ Cross Point	Vanderburgh	5	General	390
Surgicare Outpatient Surgery Cnt	Vanderburgh	8	General	11,602
Terre Haute Heart Center Cath	Vigo	1	Cardiology	626
Unity Surgery Center	Tippecanoe	4	General	10,083
Unity Surgical Arts	St Joseph	6	General	746
Valley Surgery Center	Vanderburgh	3	Eye	2,326
Vincennes Surgery Center	Knox	8	General	1,544
Vision SC Springhill	Clark	2	General	3,173
Wabash Valley Eye	Knox	3	Eye	1,630
Welborn Clinic Surgery	Vanderburgh	5	General	7,450

Whitewater Valley Surgery Cnt	Montgomery	2	General	1,571
Williams Eye Surgery Center	Lake	3	Eye	2,025
Women's Physician Surgery	Marion	5	General	12,665
Woodlawn Healthcare	LaPorte	2	General	5,677
Subtotal 125 ASCs	(30)	(476)	-	497,054

TABLE B
NUMBER OF 50 MOST FREQUENT PROCEDURE CODES*
BY CURRENT TERMINOLOGY DIAGNOSTIC CATEGORY,
AMBULATORY SURGICAL CENTERS, INDIANA, 2004

ANATOMICAL SYSTEM	CPT CODE	PROCEDURE DESCRIPTION	# CASES
Skin	19120	Excision of cyst or breast tissue (36)	679
10040-19499	19125	Excision of breast lesion (37)	660
	19325	Mammoplasty with implant (19)	1,572
	Other		4,641
	Subtotal	Of Procedures of Integumentary System	7,552
Muscles	20680	Removal of deep implant (36)	732
20000-29909	26055	Tendon Sheath (20)	1,558
	27096	Injection in Sacroiliac joint (27)	1,178
	28285	Hammertoe operation (35)	741
	29826	Arthroscopy with acromioplasty (15)	2,046
	29827	Arthroscopy for acromioplasty (42)	649
	29877	Chondroplasty (23)	1,506
	29880	Arthroscopy mesiscectomy and lateral (47)	528
	29881	Arthroscopy with meniscectomy (9)	5,531
	29824	Arthroscopy with lysis of adhesions (48)	508
	Other		6,969
	Subtotal	Of Procedures of Musculoskeletal System	21,946
Respiratory	30140	Submucous resection turbinate (22)	1,517
30000-32999	30520	Septoplasty or submucous resection (17)	1,662
	31255	Endoscopy with ethmoidectomy (18)	1,587
	31267	Sinus Endoscopy with polyp removal (28)	1,062
	31288	Sinus Endoscopy (32)	837
	Other		1,887
	Subtotal	Of Procedures of Respiratory System	8,552
Digestive	42820	Tonsillectomy (12)	3,888
40490-49999	42830	Adenoidectomy (37)	714
	43239	Upper gastrointestinal with biopsy (3)	18,829
	43245	Closure of esophagostomy transthoracic (40)	666
	43248	Gastrointestinal endoscopy tube (14)	2,516
	45378	Colonoscopy, flexible (2)	34,151
	45380	Colonoscopy with biopsy (6)	13,403
	45383	Sigmoidoscopy diagnostic (41)	662
	45384	Colonoscopy to remove tumor (10)	5,067
	45385	Colonoscopy to snare/remove tumor (5)	14,197
	47562	Cholecystectomy excision (21)	1,518
	49505	Repair of inguinal hernia (31)	889
	Other		17,472
	Subtotal	Of Procedures on Digestive System	113,972

SYSTEM	CPT	PROCEDURE DESCRIPTION	# CASES
Urinary	50590	Lithotripsy, extracorporeal shock (24)	1,234
50010-53899		Other	3,934
	Subtotal	Of Procedures on Urinary System	5,168
Genital	58558	Hysteroscopy surgical (16)	1,838
54000-58999	58563	Hysteroscopy with endometrial ablation (33)	801
	58662	Laparoscopy with excision of lesion (43)	613
	58670	Laparoscopy (29)	961
	58970	Follicle puncture for oocyte retrieval (38)	691
	58974	In Vitro fertilization (34)	760
	Other		1,514
	Subtotal	Of Genital System	7,178
Nervous	62290	Injection for diskorgraphy (26)	1,183
61000-64999	64472	Injection aesthetic agent (25)	1,233
	64721	Neuroplasty to carpal tunnel (8)	7,061
	Other		42,625
	Subtotal	Of Procedures on Nervous System	52,102
Eye	65855	Trabeculoplasty (44)	609
65091-68899	66170	Trabeculoplasty - no prior surgery (49)	502
	66761	Iridoplasty by photocoagulation (45)	598
	66821	YAG Laser on lens capsule (4)	17,477
	66984	Extracapsular Cataract Removal (1)	49,693
	66999	Anterior segment of eye (13)	3,038
	67210	Retina Photocoagulation (46)	539
	67311	Strabismus Surgery (39)	685
	Other		5,581
	Subtotal	Of Procedures on Eye and Ocular System	78,722
Auditory	69436	Tympanostomy (7)	10,241
69000-69999	Other		591
	Subtotal	Of Procedures on Auditory System	10,832
Catheterization	93510	Left Heart Catheterization (11)	4,578
93501-93572	93526	Right Heart Catheterization (50)	497
	93570	Measurement of intravascular velocity (30)	959
	Other		1,476
	Subtotal	Of Cardiac Catheterization Procedures	7,510
All Other Procedures			183,520
TOTAL	Of	All REPORTED PROCEDURES	497,054

* Note: Removed procedures from top 50 list that were listed as Payment Group 1 in the November 26, 2004 Federal Register.